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PTO/SB/08A (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO  <h2 style="text-align: center; margin: 0;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center; margin: 0;"><i>(use as many sheets as necessary)</i></p>				<b>Complete if Known</b>	
Application Number	10/039,062				
Filing Date	December 31, 2001				
First Named Inventor	Matz				
Group Art Unit	2448				
Examiner Name	Strange, Aaron N.				
Attorney Docket Number	01376				
Sheet	1	of	9		

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		Number	Kind Code <sup>2</sup> (if known)			
		D437,879		Weinandt	02-2001	
		D494,953		Leung	08-2004	
		3,798,610		Bliss et al.	03-19-1974	
		3,886,302		Kosco	05-27-1975	
		4,130,833		Chomet	12-19-1978	
		4,258,386		Cheung	03-24-1981	
		4,361,851		Asip et al.	11-30-1982	
		4,488,179		Kruger et al.	12-11-1984	
		4,566,030		Nickerson et al	01-21-1986	
		4,567,591		Gray et al.	02-28-1986	
		4,598,288		Yarbrough et al.	07-01-1986	
		4,602,279		Freeman	07-1986	
		4,688,248		Tomizawa	08-18-1987	
		4,689,661		Barbieri et al.	08-25-1987	
		4,697,209		Kiewitt et al.	09-1987	
		4,720,873		Goodman et al.	01-19-1988	
		4,816,904		McKenna et al.	03-28-1989	
		4,890,322		Russell, Jr.	12-26-1989	
		4,912,552		Allison	03-27-1990	
		5,010,585		Garcia	04-23-1991	
		5,046,090		Walker et al.	09-03-1991	
		5,046,092		Walker et al.	09-03-1991	
		5,055,924		Skutta	10-08-1991	
		5,173,900		Miller et al.	12-22-1992	
		5,191,645		Carlucci et al.	03-02-1993	
		5,208,665		McCalley et al	05-04-1993	
		5,247,347		Litteral et al.	09-21-1993	
		5,249,044		VonKohorn	09-28-1993	
		5,287,181		Holman	02-15-1994	

Examiner Signature		Date Considered	
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Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		5,335,277		Harvey et al.	08-02-1994
		5,339,315		Maeda et al.	08-16-1994
		5,343,240		Yu	08-30-1994
		5,357,276		Banker et al.	10-18-1994
		5,374,951		Welsh	12-20-1994
		5,389,964		Oberle	02-1995
		5,382,970		Kiefl, John B.	01-1995
		5,404,393		Remillard	04-04-1994
		5,410,326		Goldstein	04-1995
		5,410,344		Graves	04-1995
		5,436,653		Ellis et al.	07-1995
		5,446,490		Blahut et al.	08-29-1995
		5,446,919		Wilkins, Jeff K.	08-1995
		5,500,681		Jones	03-1996
		5,532,735		Blahut et al.	07-1996
		5,543,911		Levitan	07-1996
		5,585,838		Lawler et al.	12-17-1996
		5,585,865		Amano	12-1996
		5,606,602		Johnson et al.	02-1997
		5,608,448		Smoral et al.	03-04-1997
		5,619,247		Russo	04-1997
		5,659,350		Hendricks	08-1997
		5,661,516		Carles, John B.	08-1997
		5,698,670		Matty	10-06-1997
		5,710,815		Ming et al.	01-1998
		5,740,549		Reilly et al.	04-1998
		5,724,521		Dedrick	03-1998
		5,724,525		Beyers II et al.	03-1998

Examiner Signature		Date Considered	
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		5,740,549		Reilly et al.	04-1998	
		5,754,393		Herz	05-1998	
		5,754,775		Adamson et al.	05-1998	
		5,758,257		Herz	05-1998	
		5,774,170		Hite et al.	06-1998	
		5,778,182		Cathey et al.	07-07-1998	
		5,794,210		Goldhaber et al.	08-11-1998	
		5,796,952		Davis et al.	08-1998	
		5,809,481		Baron et al.	09-1998	
		5,838,314		Neel	11-1998	
		5,848,396		Gerace	12-1998	
		5,848,397		Marsh et al.	12-1998	
		5,850,447		Peyret, Patrice	12-1998	
		5,854,897		Radziewicz et al.	12-1998	
		5,861,906		Dunn	01-199	
		5,872,834		Teitelbaum, et al.	02-1999	
		5,883,942		Lim et al.	03-1999	
		5,892,536		Logan	04-1999	
		5,901,209		Tannhenbaum, et al.	05-1999	
		5,946,636		Uyeno et al.	08-1999	
		5,973,683		Cragun	10-1999	
		6,002,393		Hite	12-1999	
		6,005,597		Barrett	12-1999	
		6,100,916		August	08-2000	
		6,134,531		Trewitt et al.	10-2000	
		6,185,614		Cuomo	02-2001	
		6,199,076		Logan et al.	03-2001	
		6,202,210		Judtke, Harold A.	03-2001	
		6,236,975		Boe et al.	05-2001	

Examiner Signature		Date Considered	
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		6,253,189		Feezell et al.	06-2001
		6,282,713		Kitsukawa	08-2001
		6,292,549		Lung et al.	09-2001
		6,304,644		Karnowski	10-2001
		6,310,943		Kowlaski	10-2001
		6,314,568		Ochiai	11-2001
		6,317,488		DePond et al.	11-2001
		6,324,271		Sawyer et al.	11-2001
		6,332,021		Latter et al.	12-2001
		6,339,639		Henderson	01-2002
		6,341,161		Latter et al.	01-2002
		6,345,187		Berthoud et al.	02-2002
		6,351,637		Lee	02-2002
		6,353,929		Houston, John S.	03-2002
		6,366,772		Arnson	04-2002
		6,408,437		Hendricks et al.	06-2002
		6,427,003		Corbett	07-2002
		6,438,216		Aktas, Christoph	08-2002
		6,442,262		Moss et al.	08-2002
		6,442,263		Beaton et al.	08-2002
		6,445,781		Heinmiller et al.	09-2002
		6,477,704		Cremia	11-2002
		6,457,010		Eldering	09-2002
		6,463,468		Bush	10-2002
		6,480,589		Lee et al.	11-2002
		6,493,439		Lung et al.	12-2002
		6,496,569		Pelletier et al.	12-2002
		6,496,571		Wilson	12-2002
		6,496,818		Ponte	12-2002
		6,498,841		Bull et al.	12-2002
		6,505,348		Knowles	01-2003

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Examiner Initials *	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	
		6,507,839		Ponte	01-2003	
		6,510,417		Woods	01-2003	
		6,529,591		Dosani et al.	03-2003	
		6,530,082		DelSesto et al.	03-2003	
		6,542,583		Taylor	04-2003	
		6,542,591		Amro et al.	04-2003	
		6,546,092		Corbett et al.	04-2003	
		6,553,110		Peng	04-2003	
		6,553,178		Abecassis, Max	04-2003	
		6,560,317		Quagliana	05-2003	
		6,560,327		McConnell	05-2003	
		6,570,971		Latter et al.	05-2003	
		6,571,344		Sitnik, Eran	05-2003	
		6,574,319		Latter et al.	06-2003	
		6,584,490		Schuster et al.	06-2003	
		6,631,360		Cook	10-2003	
		6,631,181		Bates et al.	10-2003	
		6,639,979		Kim	10-2003	
		6,650,743		Heinmiller et al.	11-2003	
		6,718,021		Crockett et al.	04-2004	
		6,728,355		Kowalski	04-2004	
		6,731,727		Corbett et al.	05-2004	
		6,748,058		Schwend et al.	06-2004	
		6,748,068		Walsh et al.	06-2004	
		6,766,003		Moss et al.	07-2004	
		6,771,754		Pelletier et al.	08-2004	
		6,771,755		Simpson	08-2004	
		6,772,209		Chernock	08-2004	
		6,785,301		Chapman et al.	08-2004	
		6,785,368		Eason et al.	08-2004	

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		6,798,879		Beham, Thoms C.	09-2004	
		6,807,267		Moss et al.	10-2004	
		6,810,115		Fukuda	10-2004	
		6,810,527		Conrad et al.	10-2004	
		6,816,481		Adams et al.	11-2004	
		6,826,271		Kanabar et al.	11-2004	
		6,831,974		Watson et al.	12-2004	
		6,845,151		Peng	01-2005	
		6,970,641		Pierre	11-2005	
		6,976,268		Courtney	12-2005	
		6,985,882		Del Sesto, Justin	01-2006	
		7,000,245		Pierre	02-2006	
		7,039,599		Merriman	05-2006	
		7,020,336		Cohen-Solal	03-2006	
		7,093,932		Eldering	05-2006	
		7,100,183		Kunkel et al.	08-2006	
		7,343,354		Hennessey, Peter J.	03-2008	
		7,587,732		Wright et al.	09-2009	
		2002/0004382		Cox et al.	01-2002	
		2002/0090933		Rouse et al.	07-2002	
		2002/0009184		Shnier	01-2002	
		2002/0016748		Emodi et al.	02-2002	
		2002/0122401		Xiang et al.	09-2002	
		2002/0183098		Lee et al.	12-2002	
		2002/0191755		Lew et al.	12-2002	
		2002/0049967		Haseltine et al.	04-2002	
		2002/0035600		Ullman et al.	03-2002	
		2002/0032906		Grossman	03-2002	
		2002/0035600		Ullman et al.	03-2002	
		2002/0123928		Eldering et al.	09-2002	

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		2002/0092017		Klosterman et al.	07-2002
		2002/0157109		Nakano et al.	10-2002
		2002/0013757		Bykowsky	01-2002
		2003/0092384		Ross, III	05-2003
		2003/0108184		Brown et al.	06-2003
		2003/0050100		Dent Paul W.	03-2003
		2003/0095650		Mize	05-2003
		2003/0148758		McMullin, William P.	08-2003
		2003/0115597		Yassin et al.	06-2003
		2003/0003990		Von Kohorn, Henry	01-2003
		2003/0110497		Yassin et al.	06-2003
		2003/0115597		Yassin et al.	06-2003
		2003/0172374		Vinson et al.	09-2003
		2003/0067554		Klarfeld	04-2003
		2004/0261127		Freeman et al.	12-23-2004
		2004/0128682		Liga et al.	07-2004
		2004/0125929		Pope	07-2004
		2004/0248560		Bedingfield et al.	12-2004
		2005/0060759		Rowe et al.	03-2005
		2005/0084084		Cook et al.	04-2005
		2006/0106710		Meek et al.	05-2006
		2006/0075456		Gray	04-2006
		2006/0106710		Meek et al.	05-2006
		2006/0161952		Herz et al.	07-2006
		2006/0271552		McChesney et al.	11-2006
		2007/0083885		Harding, Michael T.	04-2007
		2007/0038514		Patterson et al.	02-2007
		2008/0167943		O'Neil	07-10-2008
		2010/0100435		Matz	04-2010

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		2010/0083298	Gray	04-2010	
		2010/0257037	Matz	10-2010	
		2010/0191601	Matz	07-29-2010	

FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known )			
			EP 0 424 648		Wachob	02-02-1991	
			EP 1 162 840		Wilson	12-2001	
			WO 99 52285		Hendricks	10-14-1999	
			WO 99 04561		Alexander	01-28-1999	
			WO 94 17609		Kiefl et al.	08-04-1994	

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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		<a href="http://www.actv.com">www.actv.com</a> , Screen Print, 10/8/2000	
		"ACTV, Inc. Offers Exclusive Preview of 'Individualized Television' at Official All-Star Café," Business Wire, Sept. 16, 1998.	
		"ACTV's HyperTV & 'Individualized Television' to be Powered by Sun Microsystems' JavaTV Technology," Business Wire, Apr. 21, 1999.	
		Whitaker, Jerry, "Interactive TV: Killer Ap or Technical Curiosity?," Broadcast Engineering, Dec. 1999.	
		Dickson, Glen, "Digital TV gets specifically directed," Broadcasting & Cable, June 5, 2000.	
		Reed, David, "The future is digital," Precision Marketing, v. 13, n.51, pg. 27, Sept. 21, 2001.	
		Wasserman, Todd, "Mining Everyone's Business." Brandweek, February 28, 2000. 19 pages	

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		CAULEY, LESLIE, "Microsoft, Baby Bell Form Video Alliance," <u>The Wall Street Journal</u> , September 26, 1994	
		"power, flexibility, and control," RespondTV, <a href="http://www.respondtv.com/whyrespond.html">www.respondtv.com/whyrespond.html</a> (11/16/01) pp. 1-2.	
		"It just clicks!," RespondTV, <a href="http://www.respondtv.com/inaction.html">www.respondtv.com/inaction.html</a> , (11/16/01) pp.1-2.	
		"Nielsen Media Research – Who We Are & What We Do," <a href="http://www.nielsenmedia.com/whoweare.html">www.nielsenmedia.com/whoweare.html</a> , (10/11/01) pp.1-4.	
		Aggarwal et al ("A Framework for the Optimizing of WWW Advertising" Proceedings of the International IFIP/GI Working Conference Trends in Distributed Systems for Electronic Commerce, Pages:1-10, Year of Publication: 1998).	

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